

ATTORNEYS AT LAW



Robert Greene Sterne Edward J. Kessler Jorge A. Goldstein David K.S. Cornwell Robert W. Esmond Tracy-Gene G. Durkin Michaele A. Cimbala Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael O. Lee Steven R. Ludwig John M. Covert Linda E. Alcorn Robert C. Millonig Lawrence B. Bugaisky Donald J. Featherstone Michael V. Messinger Judith U. Kim
Fimothy J. Shea, Jr.
Fatrick E. Garrett
Heid I. Kraus
Echward W. Yee
Albert L. Ferro*
Donald R. Banowit
Peter A. Jackman
Jeresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Eldora Ellison Floyd
Thomas C. Fiala
Brian J. Del Buono
Virgil Lee Beaston
Kimberly N. Reddick
Theodore A. Wood

Elizabeth J. Haanes Joseph S. Ostroff Frank R. Cottingham Christine M. Lhuller Rae Lynn Prengaman Jane Shershenovich* Lawrence J. Carroll* George S. Bardmesser Daniel A. Klein* Jason D. Eisenberg Michael D. Specht Andrea J. Kamage Tracy L. Muller* LuAnne M. DeSantis John J. Figueroa Ann E. Summerfield Tiera S. Coston* Aric W. Ledford* Michael D. Specht Jessica L. Parezo Timothy A. Doyle* Cynthia M. Bouchez Nicole D. Dretar* Ted J. Ebersole Registered Patent Ac

Registered Patent Agents • Karen R. Markowicz Nancy J. Leith Helene C. Carlson Gaby L. Longsworth Matthew J. Dowd Aaron L. Schwartz Mary B. Tung Katrina Y. Pei Quach Bryan L. Skelton Robert A. Schwartzman Teresa A. Colella Jeffrey S. Lundgren Victoria S. Rutherford Eric D. Hayes Michelle K. Holoubek Robert H. DeSelms Simon J. Elliott Julie A. Heider Mita Mukerjee Scott M. Woodhouse Of Counsel Kenneth C. Bass III Evan R. Smith Marvin C. Guthrie *Admitted only in Maryland *Admitted only in Maryland

Practice Limited to Federal Agencies

March 3, 2004

WRITER'S DIRECT NUMBER: (202) 772-8834 INTERNET ADDRESS: BHAANES@SKGF.COM

Art Unit 1646

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/648,825; Filed: August 27, 2003

For: Death Domain Containing Receptor 5

Inventors:

Ni et al.

Our Ref:

1488.131000C/EKS/EJH

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement;
- 2. A listing of the cited documents (AA1-AJ1, AL1-AL3, AR1-AS5) on form PTO-1449 (5 pages);
- 3. First Supplemental Information Disclosure Statement;
- 4. A listing of the cited documents (AM3, AT5, AR6-AS7) on form PTO-1449 (3 pages);
- 5. Second Supplemental Information Disclosure Statement;
- 6. A listing of the cited document (AK1) on form PTO-1449 (1 page);
- 7. Third Supplemental Information Disclosure Statement;
- 8. A listing of the cited documents (AA2 and AB2) on form PTO-1449 (1 page);
- 9. Fourth Supplemental Information Disclosure Statement;

Commissioner for Patents March 3, 2004 Page 2

- 10. A listing of the cited documents (AN3-AP3, AT7-AS10) on form PTO-1449 (4 pages);
- 11. Fifth Supplemental Information Disclosure Statement;
- 12. A listing of the cited documents (AC2, AT10-AT13) on form PTO-1449 (4 pages);
- 13. Sixth Supplemental Information Disclosure Statement;
- 14. A listing of the cited documents (AD2, AE2, AR14-AT15) on form PTO-1449 (2 pages); and
- 15. Return Postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D. Attorney for Applicants Registration No. 42,613

EJH/MEK:krc Enclosures

236773v1



In re application of:

Ni et al.

Appl. No. 10/648,825

Filed:

August 27, 2003

For:

Death Domain Containing

Receptor 5

Confirmation No. 3624

Art Unit: 1646

Examiner: To be assigned

Atty. Docket: 1488.131000C/EKS/EJH

Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. Copies of documents AA1 to AJ1 are not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "[t]he Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003." Copies of the remaining documents are provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes Attorney for Applicants

Registration No. 42,613

Date: <u>March 3</u>, 200

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

::ODMA\MHODMA\SKGF_DC1;223095;1 SKGF Rev. 4/28/00 mac

/	OIPER
(p	MAR 0 3 2004
1	TRADENARY OF

TRADEM	040Z							_	Page 1 of 5
PRADEM					ATTY. DOCKET NO. 1488.131000C/EKS/EJH			ICATION NO 18,825	•
TNEC			PTO-1449 CLOSURE STA	\TEMENT	APPLICANT Ni et al.				
INFO	ZKMATIO	N DIS	CLUSURE SIF	AT DIMENT	FILING DATE August 27, 2003		GROUI 1646	?	
			·	v.s.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	UMENT BER	DATE	NAME	CL	ASS	SUB- CLASS	FILING DATE
	AA1	_	02,531	01/11/1977	Royer				01/22/1976
·	AB1	4,94	16,778	08/07/1990	Ladner et al.				01/19/1989
	AC1	5,34	49,053	09/20/1994	Landolfi				06/10/1993
	AD1	5,44	47,851	09/05/1995	Beutler et al.		-		04/02/1992
	AE1	5,4	78,925	12/26/1995	Wallach et al.				08/07/1992
-	AF1	5,5	30,101	06/25/1996	Queen et al.				12/19/1990
<u></u>	AG1	5,5	65,332	10/15/1996	Hoogenboom et al.				09/23/1994
	AH1	5,64	43,575	07/01/1997	Martinez et al.				10/27/1993
	AI1	5,76	63,223	06/09/1998	Wiley et al.				06/25/1996
	AJ1	5,80	07,715	09/15/1998	Morrison et al.				06/27/1994
	AK								
				FOREIG	N PATENT DOCUMENTS			· <u>-</u>	
EXAMINER . INITIAL	ļ	NUWI DOCI	UMENT BER	DATE	COUNTRY	CL	ASS	SUB- CLASS	TRANSLATION
	AL1	EP (0 239 400	09/30/1987	Europe				Yes No
	AM1	EP (0 401 384	12/12/1990	Europe			-	Yes No
	AN1	WO :	91/06570	05/16/1991	WIPO				Yes No
	A01	WO :	91/09967	07/11/1991	WIPO	_			Yes No
	AP1	CA :	2045869	12/29/1991	Canada				Yes No
			OTHER (Inc.	luding Author,	, Title, Date, Pertinent Pa	ages,	etc.)		
	AR	1			sion proteins in biotechno logy Ltd. (1992).	logy,'	' Curr	c. Opin. B.	iotechnol.
	AS	1	Receptor	Chinnaiyan, A.M., et al., "Signal Transduction by DR3, a Death Domain-Containing teceptor Related to TNFR-1 and CD95," <i>Science 274</i> :990-992, American Association for the Advancement of Science (November 1996).					
-	AT	1			The Uses and Properties of . 9:249-304, CRC Press (19		Linked	l Proteins	," Crit. Rev.
EXAMINER	1	.1	1			DATE	CONS	IDERED	
									

									Page 2 of 5
					ATTY. DOCKET NO. 1488.131000C/EKS/EJH		APPLI 10/64	CATION NO. 8,825	
	F	ORM P	TO-1449		APPLICANT				
INFO	RMATION	N DISC	CLOSURE STA	TEMENT	Ni et al. FILING DATE GROUP				
					August 27, 2003		1646		
				U.S.	PATENT DOCUMENTS			1	
EXAMINER INITIAL		DOCU NUME	JMENT BER	DATE	NAME	CL	ASS	SUB- CLASS	FILING DATE
	AA								
	AB								
	AC								
	AD								
	AE	 							
	AF	1							
	AG	<u> </u>							
	AH	 							
	AI	1							
	AJ	+-							
	AK			<u> </u>				<u></u>	<u> </u>
	1	1		FOREIG	N PATENT DOCUMENTS				
EXAMINER			JMENT					SUB-	mn 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
INITIAL	 	NUME	BER	DATE	COUNTRY	CL	ASS	CLASS	TRANSLATION
	AL2	EP (510 691	10/28/1992	Europe				Yes No
	AM2	WO S	94/01548	01/20/1994	WIPO				Yes No
	AN2	WO S	95/06058	03/02/1995	WIPO				Yes No
	A02		98/32856	07/30/1998	WIPO				Yes No
	AP2		98/35986	08/20/1998	WIPO				Yes No
				<u> </u>	Title, Date, Pertinent P	ages,	etc.)		
	AR	2	NCBI Entr	ez, GenBank Re sel fragment,"	eport, Accession No. Z6608 clone 75a7, reverse read	з, "н	. sapi	ens CpG is la, access	land DNA ed 12/1998,
	AS	2	NICBI Ent	rez, GenBank F	Report, Accession No. AA23	32440	(Feb. :	28, 1997).	
	AT	2	NCBI Entr	NCBI Entrez, GenBank Report, Accession No. AA223122 (Feb 19, 1997).					
EXAMINER						DAT	E CONS	IDERED	
line through	citat	ion i	f not in co	onsidered, whe	ther or not citation is i not considered. Include	n con	formand of thi	ce with MP is form wi	EP 609. Draw th next
communication	n to A	pplic	ant.						

									Page 3 of 5
	_				ATTY. DOCKET NO. 1488.131000C/EKS	/ЕЈН	APPLI 10/64	CATION NO 8,825	•
	_		PTO-1449		APPLICANT Ni et al.				
, INFO	DRMATIO	N DIS	CLOSURE STA	ATEMENT	FILING DATE August 27, 2003		GROUP 1646		
				v.s.	PATENT DOCUMENTS				
EXAMINER		T							
INITIAL		DOC!	UMENT BER	DATE	NAME	CI	LASS	SUB- CLASS	FILING DATE
	AA								
	AB	-	<u> </u>						
	AC	-							
	AD	-				····		ļ	
	AE	-						ļ	
	AF	-							
	AG AH	 				<u> </u>			l
	AI	+			1				
	AJ	+						·	
	AK	-		- "					
	1	ــــــــــــــــــــــــــــــــــــــ		FOREIG	N PATENT DOCUMENTS			·	
EXAMINER									
INITIAL		DOC:	UMENT BER	DATE	COUNTRY	C	LASS	SUB- CLASS	TRANSLATION
	AL3	EP A2	0 870 827	10/14/1998	Europe				Yes No
	AM								Yes No
	AN								Yes No
	AO			"					Yes No
	AP								Yes No
	AP		OTHER (Inc.)	luding Author	Title, Date, Perti	nent Pages	etc.)		
	1		THER (INC.	ruding Author,	IILIE, Date, Perti	nenc Fages,	ecc./		
	AR	<u>3</u>			Protein Engineering Enzymol. 203:46-88,				and Fusion
	AS	<u>3</u>	Different	Morpurgo, M., et al., "Covalent Modification of Mushroom Tyrosinase with Different Amiphiphic Polymers for Pharmaceutical and Biocatalysis Applications," Appl. Biochem. Biotechnol. 56:59-72, Humana Press (January 1996).					
	AT	<u>3</u>	Morrison, 229:1202-	Morrison, S.L., "Transfectiomas Provide Novel Chimeric Antibodies," <i>Science</i> 229:1202-1207, American Association for the Advancement of Science (1985).					
EXAMINER	•					DAT	re consi	IDERED	
EXAMINER: 1 line through communication	h citat	ion i	f not in co	onsidered, whe	ther or not citation not considered.	on is in con Include copy	formanc of thi	ce with MP is form wi	EP 609. Draw th next
									

Draw

FO	RM PTO-1449	ı
INFORMATION	DISCLOSURE	STATEMENT

communication to Applicant.

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825
APPLICANT Ni et al.	
FILING DATE August 27, 2003	GROUP 1646

				υ.s.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	JMENT BER	DATE	NAME		CLASS	SUB- CLASS	FILING DATE
	AA								
	АВ								
	AC								
	AD								
	AE								
	AF								
	AG								
	АН							_	
	AI								
	AJ								
	AK								
				FOREI	GN PATENT DOCUMENTS		-,		
EXAMINER INITIAL		DOC	UMENT BER	DATE	COUNTRY		CLASS	SUB- CLASS	TRANSLATION
-	AL								Yes No
									Yes
	AM			<u> </u>				_	No
	AN								Yes No
	AN	 							Yes
	AO								No
									Yes
	AP	1							No
		1	OTHER (Inc	luding Author	, Title, Date, Perti	nent Pag	ges, etc.)		
	AR	4	Pan, G., 113, Amer	et al., "The rican Associat	Receptor for the Cyt ion for the Advancem	otoxic :	Ligand TRA Science (A	AIL," Scie April 1997	nce 276:111-).
	AS	4	Receptor	Pan, G., et al., "An Antagonist Decoy Receptor and a Death Domain-Containing Receptor for TRAIL," <i>Science 277</i> :815-818, American Association for the Advancement of Science (August 1997).					
	AT	4	variable	Roguska, M.A., et al., "Humanization of murine monoclonal antibodies through variable domain resurfacing," <i>Proc. Natl. Acad. Sci. 91</i> :969-973, National Academy of Sciences (1994).					
EXAMINER							DATE CONS	SIDERED	

					ATTY. DOCKET NO. 1488.131000C/EKS	/EJH		ICATION NO).
	F	FORM P	TO-1449		APPLICANT	•			
INFO	ORMATIO	N DISC	CLOSURE STA	<u>TEMENT</u>	Ni et al. FILING DATE August 27, 2003		GROUI		
				U.S.	PATENT DOCUMENTS				
EXAMINER									
INITIAL		DOCU	MENT BER	DATE	NAME		CLASS	SUB- CLASS	FILING DATE
	AA _								
	AB								
	AC	<u> </u>						ļ	
	AD	-							
	AE	 							
	AF								
	AG AH	 							
	AI	+-							
	AJ								
	AK						-		
				FOREIG	N PATENT DOCUMENTS			 	
EXAMINER INITIAL		DOC!	JMENT BER	DATE	COUNTRY	(CLASS	SUB- CLASS	TRANSLATION
	AL								Yes No
	AM								Yes
	AN								Yes
	AO								Yes
-	1								Yes
	AP		OTHER (Inc.	luding Author	Title, Date, Perti	nent Pages	. etc.)		1
	AR	5	Sheridan, Signaling Advanceme	J.P., et al., and Decoy Rec nt of Science	"Control of TRAIL eptors," <i>Science 2</i> (August 1997).	-Induced Ap 77:818-821,	ooptosis Americ	s by a Fan can Associ	ation for the
	AS	5	Wiley, et family th	al., Identifi at induces apo	cation and charactoptosis," Immunity	erization o	of a nev	w member o	of the TNF
EXAMINER						DA	ATE CONS	SIDERED	



In re application of:

Ni et al.

Appl. No. 10/648,825

Filed: August 27, 2003

For: **Death Domain Containing**

Receptor 5

Confirmation No. 3624

Art Unit:

Examiner: To be assigned

Atty. Docket: 1488.131000C/EKS/EJH

First Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this First Supplemental Information Disclosure Statement is a continuation of numbering in Applicants' Information Disclosure Statement filed herewith in connection with the above-captioned application. A copy of each document is also provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This First Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D.

Attorney for Applicants Registration No. 42,613

Date: March 3, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

::ODMA\MHODMA\SKGF_DC1;223120;1 SKGF Rev. 4/27/00 mac MAR 0 3 2004

Page 1 of 3

MADEMA		···			ATTY. DOCKET NO.	1 10		ICATION NO).
		FORM I	PTO-1449		1488.131000C/EKS/E	JH	10/6	48,825	
			PPLEMENTAL		APPLICANT Ni et al.				
INF			CLOSURE ST		FILING DATE August 27, 2003		GROUI 1646		
				v.s.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOC	UMENT BER	DATE	NAME	CI	LASS	SUB- CLASS	FILING DATE
	AA								
	AB								
	AC_								
	AD			ļ <u>.</u>				<u> </u>	
	AE			ļ					_
	AF							<u> </u>	
	AG	_							
ļ	HA	- 		ļ					
	AI			<u> </u>					
	AJ_			<u> </u>					<u>-</u>
<u> </u>	AK				<u> </u>				
				FOREIG	N PATENT DOCUMENTS			<u> </u>	1
EXAMINER INITIAL		DOC NUM	UMENT BER	DATE	COUNTRY	CI	LASS	SUB- CLASS	TRANSLATION
	AL								Yes No
ļ	AM3	wo	99/02653	01/21/1999	WIPO				Yes No
	AN								Yes No
	AO								Yes No
	AP								Yes No
	<u> </u>		OTHER (Inc	luding Author,	Title, Date, Pertine	ent Pages,	etc.)		-
	AR								
	AS								
	AT	5	DR4 Induc	e FADD-Depende	., "Death Receptor 5, ent Apoptosis and Act: (December 1997).				
EXAMINER	. -					DAT	E CONS	IDERED	
EXAMINER: line throug	gh citat	ion i	f not in co	onsidered, whe	ther or not citation not considered. Inc	is in con: clude copy	forman of th	ce with Mi is form w	PEP 609. Draw ith next

					ATTY. DOCKET NO. 1488.131000C/EKS/EJH			CATION NO	0.
	:	FORM	PTO-1449		APPLICANT		20,01		
T 111			JPPLEMENTAL	A COLUMN TO A COLU	Ni et al.		CDOLLE		
INI	ORMATIC	N DIS	SCLOSURE STA	ATEMENT	FILING DATE August 27, 2003		GROUP 1646	<u></u>	
				v.s.	PATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT 1BER	DATE	NAME	CLI	ASS	SUB- CLASS	FILING DATE
	AA								
	AB								
	AC	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$						ļ	
	AD	ļ							
	AE	<u> </u>							
	AF	-						-	
	AG	-							
	AH	+							
	AI					-			<u> </u>
	AJ AK	-		 		_		-	
	AK			POPETO	N PATENT DOCUMENTS			<u> </u>	
EXAMINER	1			FOREIG	N PATENT DOCUMENTS			<u> </u>	
INITIAL			CUMENT MBER	DATE	COUNTRY	CL	ASS	SUB- CLASS	TRANSLATION
	\								Yes
	AL	+				+			Yes
	AM	+						_	No
	AN	ļ							Ye:
	AO								Yes No
	AP								Yes No
			OTHER (Incl	luding Author,	Title, Date, Pertinent Pa	ges,	etc.)		
	AR	<u>6</u>			"A novel receptor for AP				
	AS	6		FEBS Lett. 427	PO2 ligand: a novel lethal P:124-128, Federation of E				
	AT	<u>6</u>	Schneider Apoptosis	, P., et al., and Activate	"TRAIL Receptors 1 (DR4) NF-kB," <i>Immunity</i> 7:831-83	and 2 6, Cel	(DR5) .l Pre	Signal F ss (Decen	FADD-Dependent aber 1997).
EXAMINER		1				DATE	CONSI	DERED	1
	hrough	citat	tion if not	onsidered, whe	ther or not citation is in	n conf clude	ormano copy o	ce with M of this f	PEP 609. orm with next
communicati	ion to A	ppri	cant.						

FORM	PTO-	1449

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
1488.131000C/EKS/EJH	10/648,825
APPLICANT Ni et al.	
FILING DATE	GROUP
August 27, 2003	1646

				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL			UMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	1						
	AB							
	AC							
	AD							
	AE							
	AF							
	AG						<u> </u>	
	АН							
	AI							ļ
	AJ							ļ
	AK		·	<u> </u>				
				FOREI	GN PATENT DOCUMENTS	<u> </u>		.
EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL							Yes
	AM							Yes No
	AN							Yes
	AO							Yes
	AP							Yes
	AF	<u> </u>	OTHER (Inc.)	luding Author	Title, Date, Pertinent F	Pages etc.)	<u> </u>	140
	AR	7	Sheikh, S Receptor Necrosis	.M., et al., KILLER/DR5 Ge	"p53-dependent and -indep ne Expression in Response ncer Res. 58:1593-1598, A	endent Regul to Genotoxi	c Stress a	and Tumor
	AS	<u>z</u>	Zamai, L., et al., "Natural killer (NK) Cell-mediated Cytotoxicity: Differential Use of TRAIL and Fas Ligand by Immature and Mature Primary Human NK Cells," J. Exp. Med. 188:2375-2380, Rockefeller University Press (December 1998).					
	AT							
EXAMINER	-					DATE CONSI	DERED	
	hrough	citat	ion if not		ether or not citation is a ce and not considered. In			



In re application of:

Confirmation No. 3624

Ni et al.

Art Unit: 1646

Appl. No. 10/648,825

Examiner: To be assigned

Filed:

August 27, 2003

Atty. Docket: 1488.13100C/EKS/EJH

For:

Death Domain Containing

Receptor 5

Second Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 is a document that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Second Supplemental Information Disclosure Statement is a continuation of numbering in Applicants' First Supplemental Information Disclosure Statement filed herewith in connection with the above-captioned application.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Second Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

A copy of the document is not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "[t]he Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003."

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the document has been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D. Attorney for Applicants

Registration No. 42,613

Date:

1100 New York Avenue, N.W. Washington, D.C. 20005-3934

(202) 371-2600

::ODMA\MHODMA\SKGF_DC1;223163;1 SKGF Rev. 12/1802 mac; Rev. 08/07/03 svb

Page 1 of 1

1	TPE CITY
1	MAR 0 3 500% (2)
1	THE TRADEMARE

FORM PTO-1449

SECON	D SUPPLEMEN	TAL
INFORMATION	DISCLOSURE	STATEMENT

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825
APPLICANT Ni et al.	
FILING DATE	GROUP

	August 27, 2003 1040								
				U.S. PAT	ENT DOCUMENTS				
EXAMINER INITIAL		DOCUI	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA								
	AB								
	AC								
	AD								
	AE								
	AF	ļ				<u> </u>			
	AG	<u> </u>						ļ	
	АН								
	AI	<u> </u>							
	AJ	Ļ—			,				
	AK1	6,07	2,047	06/06/2000	Rauch et al.	<u></u>		06/26/1997	
				FOREIGN PA	ATENT DOCUMENTS			1	
EXAMINER INITIAL		DOCUI	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	АМ							Yes No	
	AN	1						Yes No	
	1	<u> </u>						Yes	
	AO	<u> </u> 						· No Yes	
	AP			<u>l</u>		<u> </u>	<u></u>	No	
		OT	HER (Including	g Author, Ti	tle, Date, Pertinent Pag	es, etc	.)	-	
	AR								
	AS								
EXAMINER	АТ					DATE	CONSIDERED		
LABITHER						""" \	SUMULDERED		



In re application of:

Confirmation No. 3624

Ni et al.

Art Unit: 1646

Appl. No. 10/648,825

Examiner: To be assigned

Filed:

Atty. Docket: 1488.131000C/EKS/EJH

For:

Death Domain Containing

Receptor 5

August 27, 2003

Third Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Third Supplemental Information Disclosure Statement is a continuation of numbering in Applicants' Second Supplemental Information Disclosure Statement filed herewith in connection with the above-captioned application.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Ni et al. Appl. No. 10/648,825

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Third Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Copies of documents are not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "[t]he Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003."

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D. Attorney for Applicants

Registration No. 42,613

Date: March 3, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

::ODMA\MHODMA\SKGF_DC1;223179;1 SKGF Rev. 12/1802 mac; Rev. 08/07/03 svb MAR 0 3 2004 B

Page 1 of 1

FORM PTO-1449

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825
APPLICANT Ni et al.	
FILING DATE August 27, 2003	GROUP 1646

					,,				
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA2	6,31	3,269 B1	11/06/2001	Deen et al.			06/15/1999	
	AB2		2,369 B1	01/29/2002	Ashkenazi			05/14/1998	
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ			l					
	AK								
	•			FOREIGN PA	ATENT DOCUMENTS				
EXAMINER									
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL		······································					Yes No	
	AM							Yes No	
	AN							Yes No	
	AO							Yes No	
						 		Yes	
	AP	<u> </u>				<u> </u>		No	
		OT	HER (Includin	g Author, Ti	tle, Date, Pertinent Pa	ges, etc	.)		
	AR	-							
	AS				·				
	АТ								
EXAMINER	MAMINER DATE CONSIDERED								



In re application of:

Confirmation No. 3624

Ni et al.

Art Unit: 1646

Appl. No. 10/648,825

Examiner: To be assigned

Filed:

August 27, 2003

Atty. Docket: 1488.131000C/EKS/EJH

For:

Death Domain Containing

Receptor 5

Fourth Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Fourth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Third Supplemental Information Disclosure Statement filed herewith in connection with the above-captioned application.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search

has been made, or that information more material to the examination of the present patent application does not exist.

This Fourth Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. 09/565,009, filed May 4, 2000, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of the documents are not attached. 37 C.F.R. § 1.98(d).

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D

Attorney for Applicants Registration No. 42,613

Date: March 3, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934

(202) 371-2600

::ODMA\MHODMA\SKGF_DC1;223187;1

SKGF Rev 1/24/02 mac

Page 1 of 4

Draw

/	OIPE COL
(2	MAR 0 3 2004
7	THE TRADEMARY

FORM PTO-1449

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825
APPLICANT Ni et al.	
FILING DATE	GROUP

				A	ugust 27, 2003	1646				
				U.S. PAT	ENT DOCUMENTS					
EXAMINER INITIAL		DOCT	JMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE		
	AA									
	AB									
	AC									
	AD									
	AE									
	AF									
	AG									
	АН									
	AI		-							
	AJ									
	AK									
	FOREIGN PATENT DOCUMENTS									
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
	AL							Yes No		
	AM							Yes No		
	AN3	WO S	98/46643 Al	10/22/1998	WIPO			Yes No		
	A03	WO S	98/51793 A1	11/19/1998	WIPO			Yes No		
	AP3	WO S	99/00423 A1	01/07/1999	WIPO			Yes No		
		(OTHER (Includia	ng Author, Tit	cle, Date, Pertinent Pag	es, etc.)				
	AR									
	AS									
	Beutler, B., and Cerami, A., "Tumor Necrosis, Cachexia, Shock, and Inflammation: A Common Mediator," Ann. Rev. Biochem. 57:505-518, Annual Reviews Inc. (1988)									
EXAMINER						DATE CONSI	DERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. line through citation if not in conformance and not considered. Include copy of this form with next

communication to Applicant.

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825	
APPLICANT Ni et al.		
FILING DATE August 27, 2003	GROUP 1646	

				U.S. PAT	ENT DOCUMENTS		_	
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA							
	AB							
	AC					<u> </u>		
	AD							
	AE							
	AF	1						
	AG							
	AH							
	AI							
	AJ							
	AK							
			· · · · · · · · · · · · · · · · · · ·	FOREIGN PA	ATENT DOCUMENTS			
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL							Yes No
								Yes
	AM	ļ						No
	AN	-	· · · · · · · · · · · · · · · · · · ·					Yes No
	AO							Yes No
	AP	<u> </u>						Yes No
	,		OTHER (Includin	ng Author, Ti	tle, Date, Pertinent Pag	es, etc.)		· · · · · · · · · · · · · · · · · · ·
	AR	<u>8</u>	Fiers, W., "The and in vivo lo	umor necrosis evel," <i>FEBS L</i>	factor. Characterizat ett. 285:199-212, Elsev	ion at the ier Scienc	molecular e B.V. (19	r, cellular 91)
	AS	8	Activities,"	Goeddel, D.V., et al., "Tumor Necrosis Factors: Gene Structure and Biological Activities," <i>Cold Spring Harb. Symp. Quant. Biol. 51(Pt. 1)</i> :597-609, Cold Spring Harbor Laboratory Press (1986)				
	AT	Golstein, P., "Cell death: TRAIL and its receptors," Curr. Biol. 7:R750-R753, Current Biology Ltd. (December 1997)						50-R753,
EXAMINER						DATE CONS	IDERED	

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

communication to Applicant.

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825
APPLICANT Ni et al.	
FILING DATE August 27, 2003	GROUP 1646

				U.S. PAT	ENT DOCUMENTS			
EXAMINER INITIAL		DOCT	JMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH						ļ	
	AI							
	AJ	ļ						
	AK							
	_	•		FOREIGN PA	ATENT DOCUMENTS	,	<u>,</u>	
EXAMINER INITIAL		DOCT	JMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL							Yes No
								Yes
	AM		······································				<u> </u>	No
	AN							Yes No
	AO					_		Yes No
	AP							Yes No
		(OTHER (Includir	ng Author, Tit	le, Date, Pertinent Pag	es, etc.)		
	AR	٥١	Gruss, HJ., Involvement in American Socie	n the Patholog	.K., "Tumor Necrosis Fac gy of Malignant Lymphoma logy (1995)	ctor Ligand as," <i>Blood</i>	d Superfam 85:3378-3	ily: 404, The
	AS	AS 2 Locksley, R.M., et al., "The TNF and TNF Receptor Superfamilies: Integrating Mammalian Biology," Cell 104:487-501, Cell Press (February 2001)						grating
AT 9 Nagata, S., "Apoptosis by Death Factor," Cell 88:355-365, Cell Press (Februar 1997)						(February		
EXAMINER	-					DATE CONSI	IDERED	

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825				
APPLICANT Ni et al.					
FILING DATE August 27, 2003	GROUP 1646				

				A	ugust 27, 2003	1646		
				U.S. PAT	ENT DOCUMENTS			
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA				·			
	AB							
	AC							
	AD					ļ		
	AE					ļ		
	AF							
	AG						ļ	
	AH	ļ						
	AI	<u> </u>		<u> </u>		ļ		
	AJ	-						<u> </u>
	AK	<u> </u>					<u> </u>	
	1	T		FOREIGN PA	ATENT DOCUMENTS	, 	1	<u> </u>
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL							Yes No
	AM	<u> </u>						Yes No
4	AN							Yes No
	АО							Yes No
	AP							Yes No
	1		OTHER (Includir	g Author, Tit	le, Date, Pertinent Page	es. etc.)		1
	AR	10	Old, L.J., "To American, Inc	umor Necrosis . (May 1988)	Factor," Scientific Ame	rican, pp.	. 59-75, S	cientific
	Wallach, D., "TNF Ligand and TNF/NGF Receptor Families," in Cytokine Reference. AS 10 A compendium of cytokines and other mediators of host defense, Oppenheim, J.J., et al., eds., Academic Press, Inc., San Diego, CA, pp. 377-411 (August 2000)						eim, J.J.,	
	AT	,						
EXAMINER					1	DATE CONSI	DERED	



In re application of:

Ni et al.

Appl. No. 10/648,825

Filed:

August 27, 2003

For:

Death Domain Containing

Receptor 5

Confirmation No. 3624

Art Unit:

1646

Examiner: To be assigned

Atty. Docket: 1488.131000C/EKS/EJH

Fifth Supplemental Information Disclosure Statement

Commissioner of Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Fifth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Fourth Supplemental Information Disclosure Statement filed herewith in connection with the above-captioned application.

Applicants wish to direct the Examiner's attention to the following documents:

Statement of Grounds and Particulars filed in opposition to Human Genome Sciences, Inc., Australian Patent Application 747635 (67635/98) by Genentech, Inc; and

Statutory Declaration of Avi Ashkenazi, signed March 14, 2003, with Exhibits AJA1 to AJA3, AJA5, and AJA7 to AJA10.

Exhibit AJA-4 was cited previously as AO3 in Applicants' Fourth Supplemental Information Disclosure Statement filed herewith. Exhibit AJA-6 was cited previously as AS4 in Applicants' First Information Disclosure Statement, filed herewith. The above-listed documents were brought to the attention of the Applicants in connection with an opposition to an Australian application that essentially corresponds to the U.S. priority application in this case.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

This Fifth Supplemental Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits. No statement or fee is required.

Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. 09/565,009, filed May 4, 2000, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D.

Attorney for Applicants Registration No. 42,613

Date:

1100 New York Avenue, N.W. Washington, D.C. 20005-3934

(202) 371-2600

::ODMA\MHODMA\SKGF_DC1;223189;1 SKGF Rev 1/24/02 mac; 4/18/03 svb

•	C.				<u></u>		Page 1 of 4		
MAR 0 3 200	4 33			ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLIC 10/648,8	ATION NO.	. ago v o		
PLEAT & TOPE	ARRIVA	FORM PTO-1449		APPLICANT Ni et al.	APPLICANT				
I	<u>FIF</u> NFORMATION	TH SUPPLEMENTAL ON DISCLOSURE STA	TEMENT	FILING DATE August 27, 2003	GROUP 1646	,			
	-								
EVANINED	<u> </u>		<u>U.</u> :	S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
***	AA								
	AB			-					
	AC <u>2</u>	6,569,642 B1	05/27/ 2003	Rauch et al.	435	69.1	03/27/2000		
	AD					-			
	AE								
	AF AG								
	AH								
	Al								
	AJ								
	AK						-		
			FORE	EIGN PATENT DOCUMENTS					
EXAMINER INITIAL	:	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AL						Yes No		
	АМ						Yes No		
	AN						Yes No		
	AO						Yes No		
	AP						Yes No		
			OTHER (Including	Author, Title, Date, Pertinent Pages, e	tc.)				
	AR								
	AS								
<u> </u>			<u> </u>						
	AT	10 Brojatsch, J Mediates A	., et al., "CAR1, a TNFI poptosis," <i>Cell 87</i> :845-{	R-Related Protein, Is a Cellular Receptor 355, Cell Press (November 1996)	for Cytopathic Avian L	eukosis-Sarcoma	Viruses and		
EXAMINER		·			DATE CONSI	DERED			
	-1:6	a considered whether	or not citation is in cont	formance with MPEP 609. Draw line thro	b situation if not in an	-f	4 aanaidaaad		

									Page 2 of 4
					ATTY. DOCKET NO. 1488.131000C/EKS/EJH APPLICATION NO. 10/648,825				
			PTO-1449		APPLICANT Ni et al.				
<u> </u>	NFORMAT	ON DISC	PPLEMENTAL CLOSURE STATE	MENT	FILING DATE August 27, 2003		GROUF 1646	•	
EVAMINED	1	ī		0.8	PATENT DOCUMENTS			1	
EXAMINER INITIAL		DOCU NUMB		DATE	NAME	CL	ASS	SUB-CLASS	FILING DATE
	AA								
	AB								
	AC								
	AD								
	AE	ļ							
	AF	ļ							
	AG	<u> </u>							
	AH	1			· · · · · · · · · · · · · · · · · · ·				
	AI AJ	<u> </u>							
	AK	ļ							•
	TAK	<u>!</u>	<u> </u>	FOREI	LGN PATENT DOCUMENTS				
EXAMINER		1	· · · · · · · · · · · · · · · · · · ·	FOREI	GN FATENT DOCUMENTS			<u> </u>	T
INITIAL			CUMENT MBER	DATE	COUNTRY	С	LASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM								Yes No
	AN						-		Yes No
	AO			ļi					Yes No
	AP								Yes No
				OTHER (Including A	uthor, Title, Date, Pertinent P	Pages, etc.)			
	AR	11	Chapman, B.S. 374:216-220, E	, "A region of the 75 k Isevier (1995)	kDa neurotrophin receptor homo	ologous to the death	domains c	of TNFR-I and Fa	s," FEBS Lett.
	AS	<u>11</u>	Rabizadeh, S., Advancement o	et al., "Induction of A f Science (1993)	poptosis by the Low-Affinity NG	GF Receptor,* Science	e 261:345	-348, American A	ssociation for the
	AT	11	Tartaglia, L.A.,	et al., "A Novel Doma	ain within the 55 kd TNF Recep	tor Signals Cell Deatl	h," <i>Cell 74</i>	:845-853, Cell Pr	ess (1993)
EXAMINER	•	•	•		·	D	ATE CON	ISIDERED	
EXAMINER: Initia	al if reference	e consid	ered, whether or n	ot citation is in confor	rmance with MPEP 609. Draw	line through citation i	f not in co	nformance and n	ot considered.

.

						· · · · · · · · · · · · · · · · · · ·			Page 3 of 4	
					ATTY. DOCKET NO. 1488.131000C/EKS/EJH	ATTY. DOCKET NO. APPLICATION NO.				
		FORM	PTO-1449		APPLICANT					
	<u>FI</u>	FTH SUF	PPLEMENTAL		Ni et al.		1			
	INFORMAT	ION DISC	CLOSURE STATE	<u>EMENT</u>	FILING DATE August 27, 2003		GROUF 1646			
				U.	S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUM NUMBE		IMENT BER	DATE	NAME	CI	_ASS	SUB-CLASS	FILING DATE	
	AA								· · · 	
	AB _			<u> </u>					. <u></u>	
	AC									
	AD _									
	AE AF	 						 	·	
	AG	<u> </u>								
	AH	ļ		,						
	Al									
	AJ									
	AK	<u> </u>								
				FOR	EIGN PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION	
	AL								Yes No	
	AM								Yes No	
	AN								Yes No	
	AO								Yes No	
	AP								Yes No	
	170			OTHER (Including	Author, Title, Date, Pertinent P	'ages, etc.)		<u>L</u> .	140	
	AR	12	Statutory Decla	aration of Avi J. Ash	kenazi, signed March 14, 2003					
	AS	<u>12</u>	Curriculum vita	ee of Avi Ashkenazi						
	AT	12	Copy of provis	ional U.S. applicatio	n 60/040,846, inventor Ni <i>et al.</i> , fi	led March 17, 1997				
EXAMINER	I	-	. L				DATE CO	NSIDERED		
EXAMINER: Init Include copy of the	ial if referen	ce consid	lered, whether or a	not citation is in consplicant.	formance with MPEP 609. Draw	line through citation	if not in co	onformance and n	ot considered.	

			 						Page 4 of 4
					ATTY. DOCKET NO. 1488.131000C/EKS/EJH		APPLICA 10/648,82		
	Fir		PTO-1449		APPLICANT Ni et al.				
<u>!</u>	NFORMATI	ON DISC	PLEMENTAL LOSURE STATE	<u>MENT</u>	FILING DATE August 27, 2003		GROUP 1646		
				U.S.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUI NUMBI		DATE	NAME	CL	ASS	SUB-CLASS	FILING DATE
	AA								
	AB	ļ							
	AC	<u> </u>	_						
	AD	ļ-							
	AE								
	AF AG								
	AH								
	AI							-	
	AJ								
	AK								
				FOREI	GN PATENT DOCUMENTS				_
EXAMINER INITIAL		DOC NUM	UMENT BER	DATE	COUNTRY	C	CLASS SUB-CLASS		TRANSLATION
	AL								Yes No
	AM								Yes No
	AN								Yes No
	AO								Yes No
	AP								Yes No
		1		OTHER (Including A	uthor, Title, Date, Pertinent Pa	ages, etc.)			
	AR	13	Copy of provision	onal U.S. application	60/054,021, inventor Ni <i>et al.</i> , file	ed July 29, 1997			
	AS	<u>13</u>	Copy of U.S. ap	pplication 08/857,216	, inventor Ashkenazi, filed May 1	15, 1997			
	AT	13	Statement of Gr (67635/98) by G	rounds and Particular Senentech, Inc.	rs filed in opposition to Human G	Senome Sciences, I	nc., Australi	an Patent Applio	cation 747635
EXAMINER							DATE CON	SIDERED	
EXAMINER: Initi	ial if reference is form with	ce consid	ered, whether or n	ot citation is in confo	rmance with MPEP 609. Draw li	ine through citation	if not in con	formance and n	ot considered.



In re application of:

Confirmation No. 3624

Ni et al.

Art Unit: 1646

Appl. No. 10/648,825

Examiner: To be assigned

Filed:

August 27, 2003 Atty. Do

For:

Death Domain Containing

Receptor 5

Atty. Docket: 1488.131000C/EKS/EJH

Sixth Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Sixth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Fifth Supplemental Information Disclosure Statement filed herewith in connection with the above-captioned application. Copies of documents AD2 and AE2 are not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "[t]he Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003." Copies of the remaining documents are provided.

The Examiner's attention is directed to the following co-pending U.S. patent applications:

- U.S. Application No. 09/042,583, filed March 17, 1998;
- U.S. Application No. 09/565,009, filed May 4, 2000;
- U.S. Application No. (not assigned), filed February 2, 2004;

which are directed to related technical subject matter. The identification of these U.S. patent applications is not to be construed as a waiver of secrecy as to these applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Applicants wish to bring to the attention of the Examiner that SEQ ID NO. 1 and the corresponding cDNA clone of this application are related to SEQ ID NOs. 7851 and 190763 in copending U.S. Patent Application Serial No. 09/912,293. A legible copy of that portion of U.S. Patent Application No. 09/912,293 which caused it to be listed on the attached Form PTO-1449 is submitted herewith as Document AT15.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Sixth Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Elizabeth J. Haanes, Ph.D.

Attorney for Applicants

Registration No. 42,613

Date: March 3, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

::ODMA\MHODMA\SKGF_DC1;223053;2 SKGF Rev. 12/1802 mac; Rev. 08/07/03 svb MAR 0 3 2004 B

Page 1 of 2

FORM PTO-1449

SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1488.131000C/EKS/EJH	APPLICATION NO. 10/648,825
APPLICANT Ni et al.	
FILING DATE August 27, 2003	GROUP 1646

				TI 0 5:-	PAUGUSC 27, 2003	<u> </u>	.040	
DVANTALD		T		U.S. PAT	CENT DOCUMENTS		I	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA							
	AB							
	AC							
	AD 2	2002	/0072091	06/13/2002	Ni et al.			06/06/2001
	AE 2	2002	/0098550	07/25/2002	Ni et al.			12/07/2001
- <u></u>	AF							
	AG							
	AH							
	AI							
	AJ							
N. C. C. W. WIERE CHARLEST AND THE PROPERTY CONTROL	AK							
	•			FOREIGN P	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
	AL							Ye N
	AM					:		Ye N
	AN							Ye N
	AO							Ye N
	AP							Ye
	erence and the second second	OT	HER (Includin	g Author, Ti	tle, Date, Pertinent	Pages, etc	.)	
	AR	14	Tartaglia, L mediate dist National Aca	inct cellula:	"The two different re r responses," <i>Proc. Na</i> nces (1991).	eceptors fatl. Acad.	or tumor ne Sci. USA 8	crosis facto 8:9292-9296,
	Tartaglia, L.A., and Goeddel, D.V., "Tumor Necrosis Factor Receptor Signaling J. Biol. Chem. 267:4304-4307, The American Society for Biochemistry and Molecular Biology, Inc. (1992).							
	AT	14			United States Patent A B (NOT PUBLISHED).	Applicatio	n No. 09/04	2,583, Ni e
EXAMINER	<u> </u>					DATE	CONSIDERED	

SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

next communication to Applicant.

ATTY. DOCKET NO.	APPLICATION NO.
1488.131000C/EKS/EJH	10/648,825
APPLICANT Ni et al.	

<u>INFO</u>	RMATIO	N DIS	CLOSURE STATEM	<u>1ENT</u>	FILING DATE August 27, 2003		GROUP 1646	
				U.S. PAT	ENT DOCUMENTS			
EXAMINER								
INITIAL	ļ	DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA							
	AB							
<u></u>	AC	 		·		-		
	AD ·	 						
	AE AF	<u> </u>			· · · · · · · · · · · · · · · · · · ·			
	AG			1				
	AH	<u> </u>						-
	AI	<u> </u>			-			
<u> </u>	AJ	Ì						
	AK							
				FOREIGN P	ATENT DOCUMENTS	1		·
EXAMINER		ļ						
INITIAL	-	DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL							Yes No
	АМ							Yes No
								Yes
	AN							No Yes
	AO			-				No Yes
	AP	<u></u>					l	No
-		ro	HER (Includin	g Author, Ti	tle, Date, Pertinent Pag	es, etc	:.)	
	AR	<u>15</u>			United States Patent App NOT PUBLISHED).	licatio	n No. 09/569	5,009, Ni et
·	AS	<u>15</u>	Pending Non-Provisional United States Patent Application No. not assigned, Ni et al., filed February 2, 2004 (NOT PUBLISHED).					
	Pending Non-Provisional U.S. Patent Application No. 09/912,293, filed July 26 AT 15 2001, NOT PUBLISHED: pages 1-75 (pages 1 + 2 partially redacted); portion of Table 2; and SEQ ID NOs.: 7851 and 190763.							
EXAMINER			-			DATE	CONSIDERED	
EXAMINER : I Draw line th	nitial rough	if re	eference consi ion if not in	idered, wheth conformance	er or not citation is in and not considered. Ind	n confo	rmance with	MPEP 609. form with